

## Questions Posed to the Reviewers of the Simulation of SAV and Clarity in Shallow Waters

The Chesapeake Bay Program Office requests STAC's appointment of a review group to undertake an evaluation of the Chesapeake Bay Water Quality Sediment Transport Model's simulation of SAV and clarity in shallow waters. Specifically, the review group is asked to address the following questions:

### Evaluation Theme I: Current SAV/Clarity Simulation Structure and Approach

1. Is the current shallow water SAV and clarity simulation sufficient to evaluate the Chesapeake SAV/clarity water quality standard?
2. Are there any specific improvements that can be implemented in the existing shallow-water water clarity simulation or in the existing SAV model?
3. Are there any recommended tests and/or performance measures for the water clarity model? For the SAV model?

### Evaluation Theme II: Future Guidance for SAV/Clarity Simulation and Shallow Water Research

4. To further refine this assessment what improvements can be made to the model structure, processes, and approaches for the next generation of the shallow water simulation to assess the SAV/clarity water quality standard?
5. What are the data, research, or monitoring gaps that need to be addressed in order to improve the simulation of SAV/clarity in the shallow waters of the Chesapeake?